



Accredited Africa Training Institute for Capacity Development

Unit FO409, Hatfield Plaza · 1122 Burnett St, Hatfield 0028 · Pretoria, Gauteng · South Africa

Tel: +27 12 004 8389 · Mobile: +27 65 077 6310

Email: apply@aaticd.co.za · Website: www.aaticd.co.za

COURSE BROCHURE

Visual Flight Control for Normal Aircraft Operations

Physical, Mathematical, Computer and Life Sciences / Physical Sciences

Unit Standard 243331 · NQF Level 5 · 7 Credits · 4 Days

COURSE OVERVIEW

This course equips pilots with the skills to safely control an aircraft by visual reference during normal flight operations. It covers fundamental techniques for maintaining situational awareness, executing standard maneuvers, and responding to routine flight conditions without reliance on instruments.

Category	Physical, Mathematical, Computer and Life Sciences
Subfield	Physical Sciences
Unit Standard	243331
Accreditation	SAQA Accredited · NQF Level 5 · 7 Credits
Duration	4 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Apply visual scanning techniques to maintain situational awareness and avoid collisions.
- Demonstrate straight-and-level flight, climbs, descents, and turns using external visual cues.
- Implement standardized procedures for takeoff, approach, and landing under visual flight rules.
- Analyze environmental factors such as weather and terrain to adjust flight control inputs.
- Evaluate aircraft performance and stability through continuous visual monitoring of attitude and altitude.

WHO SHOULD ATTEND

- This course is designed for student pilots and licensed pilots seeking to reinforce visual flight proficiency.
- It is also suitable for aviation professionals requiring refresher training in basic aircraft control.

COURSE OUTLINE

Day 1: Fundamentals of Visual Flight Control

- Introduction to visual flight rules (VFR) and visual meteorological conditions (VMC).
- The aircraft control surfaces: ailerons, elevator, rudder, and throttle.
- Effects of controls: pitch, roll, yaw, and power changes.
- Aircraft attitude and its relation to the horizon.
- Basic flight instruments: airspeed indicator, altimeter, attitude indicator.
- Trim systems and their use.
- Pre-flight inspection and cockpit checks.

Day 2: Straight-and-Level Flight and Turns

- Establishing and maintaining straight-and-level flight.
- Power and attitude adjustments for constant altitude and speed.
- Medium and steep turns: entry, bank angle, and recovery.
- Coordination: use of rudder to prevent slips and skids.
- Effects of wind on turns and drift correction.
- Common errors: overbanking, loss of altitude, uncoordinated flight.

Day 3: Climbs, Descents, and Speed Control

- Normal and best-rate climbs: pitch attitude and power settings.
- Descending flight: power-off and power-on descents.
- Airspeed control: pitch for speed, power for altitude.
- Use of flaps and landing gear during climbs and descents.
- Level-off techniques from climbs and descents.
- Maneuvering during slow flight and stall awareness.

Day 4: Integrated Flight Maneuvers and Emergency Procedures

- Traffic pattern entry and departure procedures.
- Normal and crosswind takeoffs and landings.
- Go-around procedures.
- Simulated engine failure: forced landing procedures.
- Emergency descent and recovery.
- Post-flight procedures and debriefing.

ASSESSMENT & CERTIFICATION

Delegates are assessed through exercises and a final test. A mark of **50% or above** earns an **AATICD Certificate of Completion**, issued digitally with a unique verification code. This course carries **7 NQF credits** at **NQF Level 5**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 21,500.00	R 21,500.00
1	In-House	R 27,900.00	R 27,900.00
1	On-Campus (Pretoria)	R 32,300.00	R 32,300.00

UPCOMING SESSIONS

No sessions are currently scheduled. Please contact us to arrange a session at a time and location that suits your team.

HOW TO GET A QUOTE OR APPLY

1. **Get an instant quotation online:** visit www.aaticd.co.za, open the page for this course (Unit Standard 243331) and click **Get A Quote / Apply**. Select your training method and number of delegates – your quotation is generated immediately and emailed to you with the course brochure attached.
2. **Apply by email:** send the course title, your preferred training method (Online, In-House or On-Campus Pretoria), the number of delegates and your preferred dates to apply@aaticd.co.za – our team will reply with a formal quotation.
3. **Apply by phone or WhatsApp:** call **+27 12 004 8389** or WhatsApp **+27 65 077 6310** and we will prepare your quotation and reserve your seats.
4. **Confirm your booking:** accept the quotation and settle the invoice. As soon as payment is confirmed your delegates are enrolled and receive their AATICD LMS login details by email, along with joining instructions for their chosen training method.

Group discounts apply automatically – the more delegates you enrol, the lower the price per delegate. No payment is required to request a quotation.

Accredited Africa Training Institute for Capacity Development

Unit FO409, Hatfield Plaza, 1122 Burnett St, Hatfield 0028, Pretoria, Gauteng, South Africa
Tel: +27 12 004 8389 · WhatsApp: +27 65 077 6310 · apply@aaticd.co.za · www.aaticd.co.za